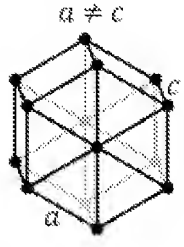
Remarks

As noted above the Examiner has requested an explanation of what is meant by "hexagonal crystalline configuration."

Thefreedictionary.com provides a definition of a hexagonal crystal system as follows:

Hexagonal crystal system



In crystallography, the **hexagonal** crystal system is one of the 7 lattice point groups (*see Hexagonal_lattice*). It has the same symmetry as a right prism with a hexagonal base.

In claim 143 the array is planar and the particles are "in a planar defined area on the surface of a substrate," meaning they are configured like one of the two-dimensional faces of the three-dimensional crystal depicted above. It can be seen the distances between the particles are the same.